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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/045,700	PFEIL ET AL.
	Examiner	Art Unit
	Joseph W. Drodge	1723

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to the Amendment of 10/09/2003.
2.  The allowed claim(s) is/are 1-21.
3.  The drawings filed on 11 January 2002 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

5.  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
  - (a)  The translation of the foreign language provisional application has been received.
6.  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8.  CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1)  hereto or 2)  to Paper No. \_\_\_\_\_.
  - (b)  including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).

9.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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|---|---|
| <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                  |
| <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No. <u>11/03</u> . |
| <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No. _____  | <input checked="" type="checkbox"/> Examiner's Amendment/Comment                          |
| <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance         |
|   | <input type="checkbox"/> Other  |

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Douglas Erikson on November 12, 2003.

The application has been amended as follows:

In claim 11, in line 10 –a computer operable for obtaining—has been inserted after “d)” and in line 14 “wherein” has been replaced with –and controlling--, “is controlled” has been deleted and “the reading” has been replaced with –a reading--.

In line 1 of each of claims 12-20 “method” has been replaced with –system--.

The following is an examiner's statement of reasons for allowance: Independent claims 1 and 21 distinguish over the closest prior art, the applied prior art of record, for reasons of record in the Amendment filed October 9, 2003. Independent claim 11 now distinguishes over the applied prior art of record for recitation in claim 11 of: "...a computer operable for obtaining data representing various values of the pump speed...with the first valve fully shut, the interconnection valve fully open, and the second valve fully shut...controlling...from a reading...first valve fully open, the interconnection valve fully shut, and the second valve fully open and from the data".

The added language to claim 11 is supported by the Instant Specification at page 5, line 17 - page 6, line 2 and page 6, line 32 - page 7, line 8.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph W. Drodge whose telephone number is 703-308-0403 (571-272-1140 after December 8, 2003. The examiner can normally be reached on 8:30-5:00 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wanda Walker can be reached on 703-308-0457. The fax phone number for the organization where this application or proceeding is assigned is 703-892-9306.

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JWD  
November 12, 2003



JOSEPH DODGE  
PRIMARY EXAMINER